



STEM Careers

Cartographer

Job Description: Cartographers are responsible for measuring and mapping Earth's surface. They collect, analyze, interpret, and map geographic information from surveys and from data and photographs collected using airplanes and satellites.

What do Cartographers do?

- Compile data required for map preparation, including aerial photographs, survey notes, records, reports, and original maps.
- Survey rough terrain by plane to create accurate maps.
- Use photos to make a map of the Moon's craters.
- Create nautical charts to help guide ships through treacherous waters.
- Develop city maps to help tourists find their way.
- Collect information about specific features of the Earth using aerial photographs.
- Revise existing maps and charts.

Your Interests:

- Do you like math?
- Do you like using computers?
- Can you easily see patterns in distracting materials?
- Do you like to draw?

Outlook: **Bright**

Average Salary - \$25.50 hourly, \$53,050 yearly

Projected Job Openings - 6,400 over the next 10 years

Education/Program of Study:

- Bachelor's degree in cartography, geography, surveying, engineering, forestry, computer science, or a physical science.
- Strong computer and technical skills are a must

Sources:

http://www.sciencebuddies.org/science-fair-projects/science-engineering-careers/Photo_cartographersandphotogrammetrists_c001.shtml#otherqualifications

O*NET Online